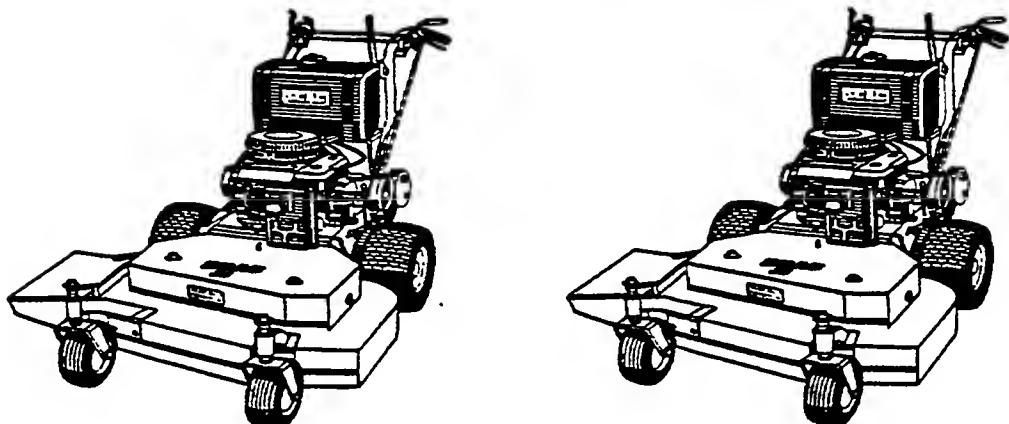


**SCAG**  
POWER EQUIPMENT



**KEY IDENTIFYING FEATURES**  
**ALL UNITS LISTED**

**BELT DRIVE WALK BEHIND  
BALL JOINT BLADE ENGAGEMENT SYSTEM  
5 SPEED TRANSMISSION**

**MODEL#**

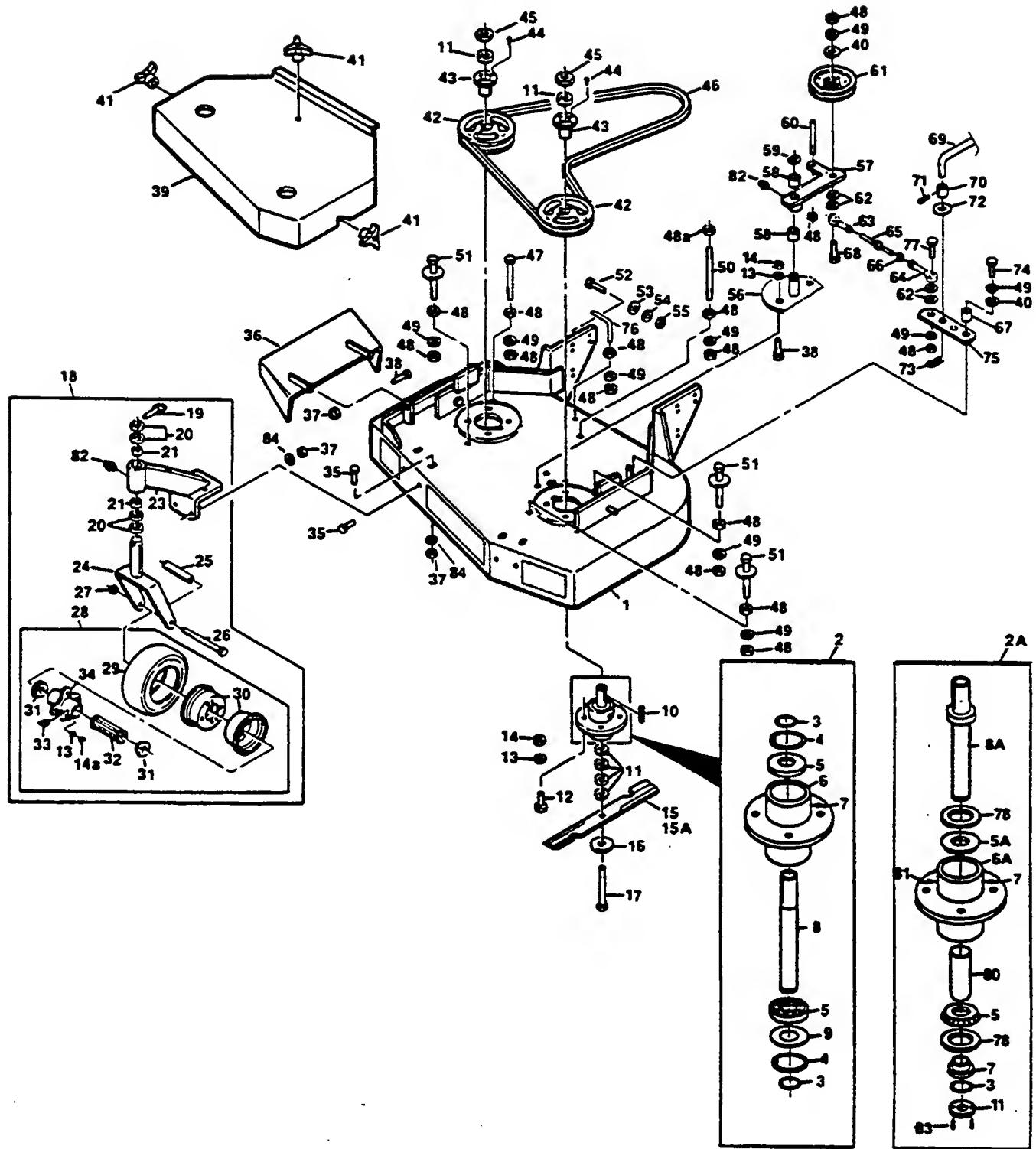
**SW36-13KA  
SW36-13KH  
SW48-14KA  
SW48-14KH**

**SW-14KH  
SW-14KA  
SW-18KH  
SW-20KHE**

**SWM-52  
SWM-61  
SWM-72**

**SWG**

## **36" CUTTER DECK**

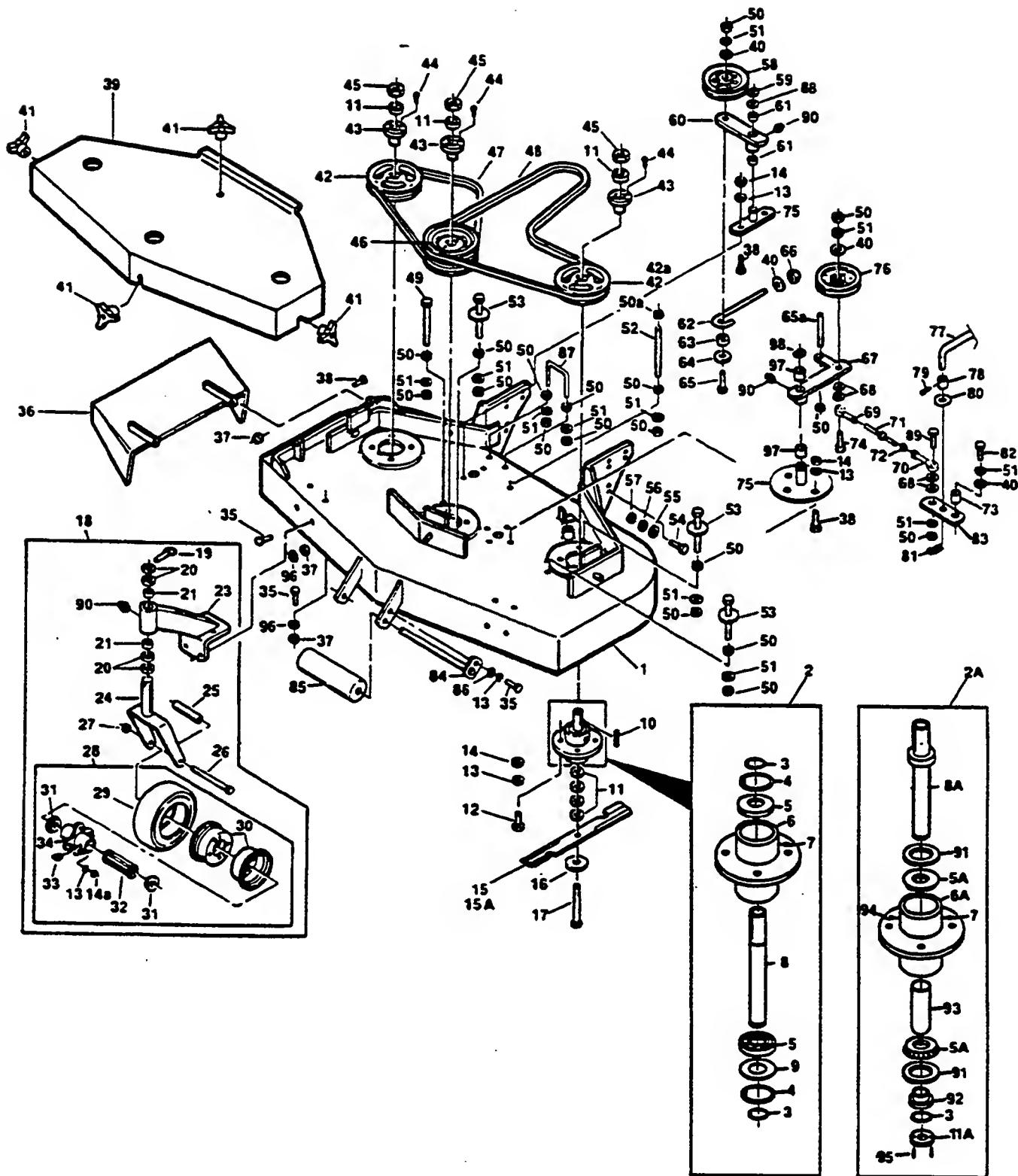


# 36" CUTTER DECK

Ref. Part No. Number	Description	Ref. Part No. Number	Description
1 46397	Cutter Deck (Includes Decals)	40a *	Washer, 13/32 x 13/16 x 16 ga.
2 46020	Cutter Spindle Assy. (Includes Items 3-9)	41 04029-03	Wing Nut, 3/8-16
2A 46400	Cutter Spindle Assy.	42 48127	Pulley (Includes Items 43-44)
3 04050-04	Retaining Ring, 1" Ext-Inverted	43 48141	Tapered Hub
4 04050-07	Retaining Ring, 2-7/16 in. I.D.	44 *	Hex Hd. Bolt, 1/4-20 x 3/4
5 48101-02	Bearing, Spindle	45 *	Hex Nut, 5/8-11
5A 48668	Tapered Bearing	46 48204	Belt, Blade Drive
6 41001	Spindle Housing	47 *	Hex Hd. Bolt, 3/8-16 x 5
6A 41007	Spindle Housing	48 *	Hex Nut, 3/8-16
7 48114-02	Grease Fitting, Str., 5/16 Serr.	48a *	Hex Nut, 3/8-16 Cr. Locknut
8 43001-02	Spindle, Cutter Blade	49 *	Lockwasher, Spring 3/8
8A 45391	Spindle Shaft	50 04004-02	Support, Belt Cover
9 04041-02	Washer, 1-5/16 x 2-7/16 x 16 ga.	51 45098	Belt Guide
10 04063-08	Key, 1/4 x 1/4 x 2	52 *	Hex Hd. Bolt, 7/16-14 x 1-1/4
11 43038	Spacer, Cutter Blade - Small	53 *	Washer, 15/32 x 59/64 x 16 ga.
11A 43201	Spacer, Cutter Blade - Large	54 *	Lockwasher, Spring 7/16
12 *	Hex Hd. Bolt, 5/16-18 x 1-1/4	55 *	Hex Nut, 7/16-14 Elastic Stop
13 *	Lockwasher, Spring, 5/16	56 45423	Idler Pulley
14 *	Hex Nut, 5/16-18	57 45434	Idler Arm Assy. (Includes Items 52 & 58)
14a *	Hex Nut, 5/16-24	58 48100-02	Bronze Bearing
15 48106	Cutter Blade 18"	59 04050-05	Retaining Ring, 1 1/8" Ext, "E"
15a 48185	Cutter Blade 18" Hi Lift	60 04004-04	Stud
16 04040-10	Flat Washer, 5/8 W	61 48269	Idler Pulley, Belt Clutch
17 04001-41	Hex Hd. Bolt, 5/8-11 x 9-1/2	62 *	Flat Washer, 3/8"
18 46079	Caster Assembly (Includes Items 19-28)	63 48544	Rod End - L.H. Thd (Silver)
19 04055-01	Quick Pin	64 48494	Rod End - R.H. Thd (Gold)
20 43037-01	Spacer, Caster Yoke, 1/2" long	65 48590	Link, Tumbuckle
21 48100-01	Bronze Bearing	66 *	Hex Nut, 3/8-24
22 46082	Support Assembly (Includes Items 21-22)	67 43042	Sleeve, Clutch Rod
24 45006	Caster Yoke	68 *	Hex Hd. Bolt, 3/8-16 x 2-3/4
25 43022	Sleeve, Caster Wheel Brg.	69 44064	Blade Clutch Rod, Lower
26 04001-37	Hex Hd. Bolt, 1/2-13 x 5-1/2	70 43043	Sleeve, Clutch Rod
27 *	Hex Locknut, 1/2-13	71 *	Cotter Pin, 3/32 x 1
28 48307	Wheel Assy. (Includes 13-14a, 29-34)	72 *	Washer, 33/64 x 1 x 16 ga.
29 48307-02	Tire Only Caster Wheel	73 04062-01	Hair Pin, Large
NS 48006-03	Inner Tube only	74 *	Hex Hd. Bolt, 3/8-16 x 1
30 48307-04	Rim Pkr, Caster Wheel	75 421107	Cam Link
31 48006-07	Retainer, Bearing, Caster Wheel	76 44009	Belt Guide
32 48006-06	Roller Bearing, Caster Wheel	77 *	Hex Head Bolt, 3/8-16 x 1 1/2"
33 48114-03	Grease Fitting, 45° 1/4-28	78 48661	Seal, Caster Spindle
34 48006-05	Hub Assembly	79 43217	Spindle Bushing
35 *	Hex Hd. Bolt, 5/16-18 x 1"	80 43218	Sleeve, Cutter Spindle
36 45100	Discharge Chute	81 48577	Relief Fitting, Cutter Spindle
37 *	Hex Nut, 5/16-18 Elastic Stop	82 48114-04	Grease Fitting, Cutter Spindle
38 *	Hex Hd. Bolt, 5/16-18 x 1	83 *	Roll Pin, 1/8 x 1/2"
39 46085	Belt Cover Assembly (Includes Decal)	84 *	Flat Washer, 5/16"
40 *	Washer, 25/64 x 15/16 x 12 ga.		

\* Common hardware which should be purchased locally. All bolts are Grade 5 plated, all other fasteners are zinc plated.

## **48, 52, 61, & 72" CUTTER DECK**



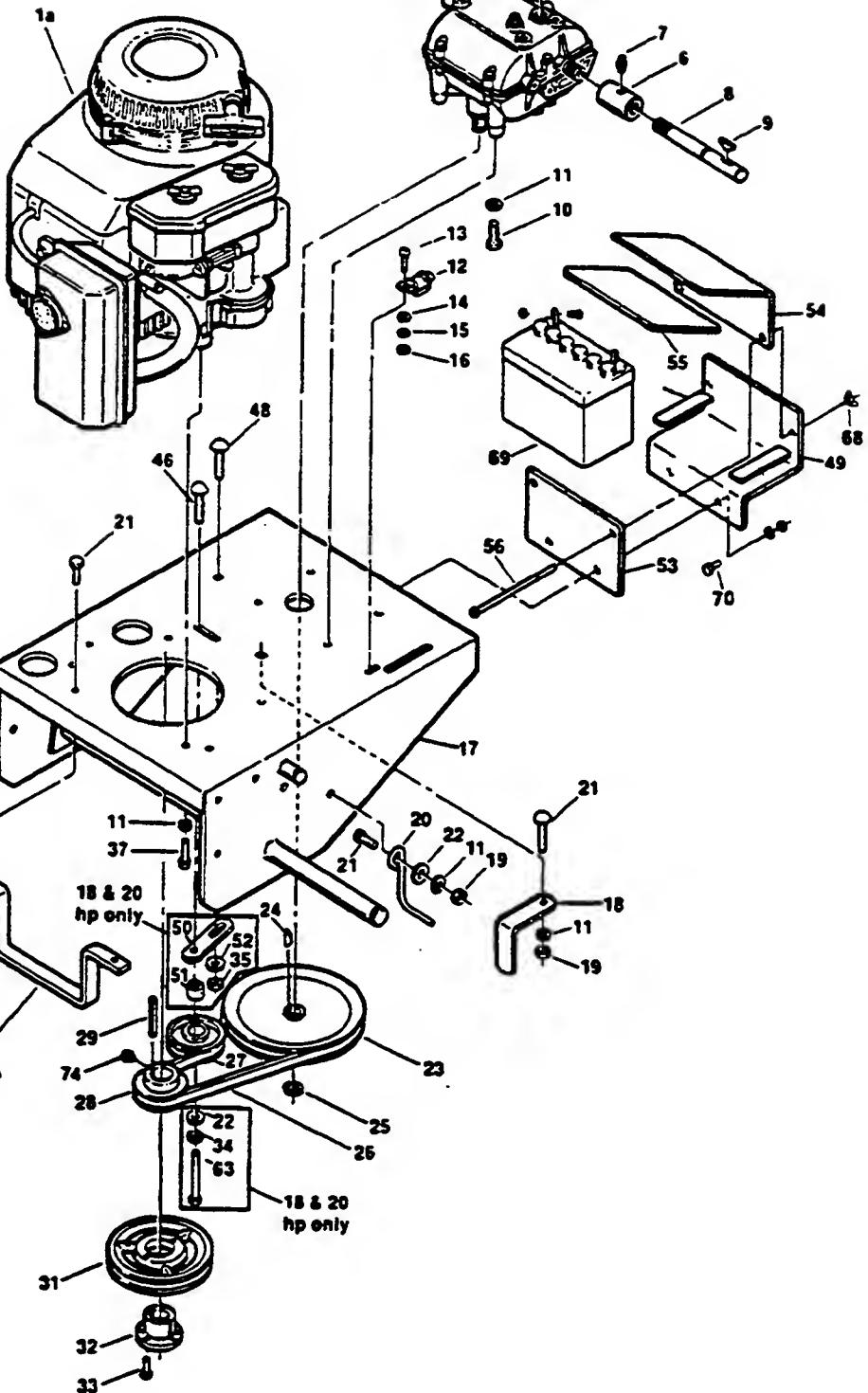
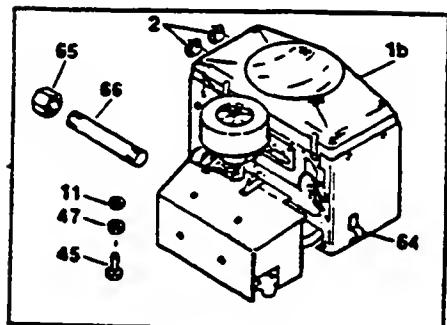
# 48, 52, 61, & 72" CUTTER DECKS

Ref. No.	Part No.	Description	48	52	61	72	Ref. No.	Part No.	Description	48	52	61	72
1	46088	Cutter Deck (Includes decals)	x				45	*	Hex Nut, 5/8-11	x	x	x	x
1	46163	Cutter Deck (Includes decals)	x				46	48412	Pulley, Double (Includes 43-44)	x	x	x	
1	46119	Cutter Deck (Includes decals)	x				46	48302	Pulley, Double (Includes 43-44)				x
1	46194	Cutter Deck (Includes decals)	x				47	48087	Belt, RH Blade Drive			x	
2	46020	Cutter Spindle Assy. Ball Bearing	x x x x				47	48285	Belt, RH Blade Drive			x	
2A	46400	Spindle Assembly, Tapered Bearing	x x x x				47	48255	Belt, RH Blade Drive			x	
3	04050-04	Retaining Ring, 1" Ext. Inverted	x x x x				47	48295	Belt, RH Blade Drive			x	
4	04050-07	Retaining Ring, 2-7/16" Int. basic	x x x x				48	48059	Belt, Blade Drive	x			
5	48191-02	Bearing, Cutter Spindle	x x x x				48	48266	Belt, Blade Drive			x	
5A	48658	Tapered Bearing	x x x x				48	48264	Belt, Blade Drive			x	
6	41001	Spindle Housing	x x x x				48	48296	Belt, Blade Drive			x	
6A	41007	Spindle Housing, Tapered Bearing	x x x x				49	*	Hex Hd. Bolt, 3/8-16 x 5"	x	x	x	
7	48114-02	Grease Fitting Str. 5/16 Serr.	x x x x				49	45098	Belt guide			x	
8	43001-02	Spindle, Cutter Blade	x x x x				50	*	Hex Nut, 3/8-16	x	x	x	
8A	45391	Spindle Shaft, Tapper Bearing	x x x x				50A	*	Hex Nut, 3/8-16, Centerlock	x	x	x	
9	04041-02	Washer, 1-5/16 x 2-7/16 x 16 ga.	x x x x				51	*	Lockwasher, Spring, 3/8	x	x	x	
10	04063-08	Key, 1/4 x 1/4 x 2	x x x x				52	04004-02	Support, Belt Cover	x	x	x	
11	43038	Spacer, Cutter Blade	x x x x				53	45098	Belt Guide	x	x	x	
11A	43201	Spacer, Cutter Blade, Tapered	x x x x				54	*	Hex Hd. Bolt, 7/16-14 x 1-1/2	x	x	x	
12	*	Hex Hd. Bolt, 5/16-18 x 1-1/4	x x x x				55	*	Washer, 15/32 x 59/64 x 16 ga.	x	x	x	
13	*	Lockwasher, Spring, 5/16	x x x x				56	*	Lock Washer, Spring, 7/16	x	x	x	
14	*	Hex Nut, 5/16-18	x x x x				57	*	Hex Nut, 7/16-14	x	x	x	
14A	*	Hex Nut, 5/16-24	x x x x				58	48181	Idler Pulley, "V" Groove	x	x	x	
15	48110	Cutter Blade 16-1/2"	x				59	04050-02	Retaining Ring, 3/4" Ext. "E"	x	x	x	
15	48108	Cutter Blade 18"	x				60	46081	Idler Arm Assy. (Includes 82 & 61)	x	x	x	
15	48111	Cutter Blade 21"	x				61	48100-05	Bronze Bearing	x	x	x	
15	48112	Cutter Blade 24"	x				62	43028	J Rod, Idler Pull	x	x	x	
15A	48184	Cutter Blade 16-1/2" Hi Lift	x				63	43077	Spacer, J Pull Rod	x	x	x	
15A	48185	Cutter Blade 18" Hi Lift	x				64	04041-12	Washer, 3/8 x 1-1/2 x 16 ga.	x	x	x	
15A	48304	Cutter Blade 21" Hi Lift	x				65	*	Hex Hd. Bolt, 3/8-16 x 2-1/4	x	x	x	
16	04040-10	Flat Washer, 5/8" W	x x x x				65A	04004-04	Stud	x	x	x	
17	04001-41	Hex Hd. Bolt, 5/8-11 x 9-1/2"	x x x x				66	*	Hex Nut, 3/8-16 Elastic Stop	x	x	x	
18	46079	Caster Assy. Comp. (incl. 19-28)	x x x x				67	46434	Idler Arm (Includes Items 97, 90)	x	x	x	
19	04066-01	Quick Pin	x x x x				68	*	3/8" Flat Washer	x	x	x	
20	43037-01	Spacer, Caster Yoke, 1/2" thick	x x x x				69	48544	Rod End L.H. THD. (Silver)	x	x	x	
21	48100-01	Bronze Bearing	x x x x				70	48454	Rod End R.H. THD. (Gold)	x	x	x	
22	45082	Support Assy. (incl. 21-90)	x x x x				71	48590	Link, Tumbuckle	x	x	x	
24	45006	Caster Yoke	x x x x				72	*	3/8-24 Hex Nut	x	x	x	
25	43022	Sleeve, Caster Wheel Bearing	x x x x				73	43042	Sleeve, Cam Clutch	x	x	x	
26	04001-37	Hex Hd. Bolt, 1/2-13 x 5-1/2"	x x x x				74	*	Hex Hd. Bolt, 3/8-16 x 2-3/4	x	x	x	
27	*	Hex Locknut, 1/2-13	x x x x				75	45329	Idler Pivot	x	x	x	x
28	48307	Wheel Assy. (incl. 13-14, 29-34)	x x x x				76	48269	Idler Pulley, Belt Clutch	x	x	x	x
29	48307-02	Tire only, Caster Wheel	x x x x				77	44064	Blade Clutch Rod, Lower	x	x	x	x
30	48006-03	Inner Tube only, Caster Wheel	x x x x				78	43043	Sleeve, Clutch Rod	x	x	x	x
30	48307-04	Rim Pair, Caster Wheel	x x x x				79	*	Cotter Pin, 3/32 x 1	x	x	x	x
31	48006-07	Retainer, Bearing, Caster Wheel	x x x x				80	*	Washer, 33/64 x 1 x 16 ga.	x	x	x	x
32	48006-05	Roller Bearing, Caster Wheel	x x x x				81	04062-01	Hex Pin, Large	x	x	x	x
33	48114-03	Grease Fitting 45 deg., 1/4-28	x x x x				82	*	Hex Hd. Bolt, 3/8-16 x 1	x	x	x	x
34	48006-05	Hub Assy. (incl. bolts)	x x x x				83	421107	Cam Link	x	x	x	x
35	*	Hex Hd. Bolt, 5/8-18 x 3/4"	x x x x				84	45046	Roller Shaft	x	x	x	x
36	45029	Discharge Chute	x x x				85	48038	Guide Roller	x	x	x	
36	45100	Discharge Chute	x				86	*	Flat Washer, 11/32 x 11/16 x 16 ga.	x	x	x	
37	*	Hex Nut, 5/16-18 Elastic Stop	x x x x				87	44008	Belt Guide	x	x	x	x
38	*	Hex Hd. Bolt, 5/16-18 x 1	x x x x				88	*	Flat Washer, 3/4 x 1-1/4 x .035	x	x	x	x
39	46086	Belt Cover (Includes decals)	x				89	*	3/8-16 x 1 1/2" Hex Head Bolt	x	x	x	x
36	45184	Belt Cover (Includes decals)	x				90	45114-04	Grease Fitting	x	x	x	x
39	45121	Belt Cover (Includes decals)	x				91	48581	Seal	x	x	x	x
39	45312	Belt Cover (Includes decals)	x				92	43217	Sprocket Bushing	x	x	x	x
40	*	Washer 25/64 x 15/16 x 12 ga.	x x x x				93	43218	Sleeve, Cutter Spindle	x	x	x	x
41	04029-03	Wing Nut, 3/8-16	x x x x				94	48677	Pivot Fitting, Cutter Spindle	x	x	x	x
42	48127	Pulley (Includes 43-44)	x x x x				95	*	Roll Pin, 1/8 x 1/2"	x	x	x	x
42A	48299	Pulley (Includes 43-44)	x				96	*	Flat Washer, 5/16"	x	x	x	x
43	48141	Tapered Hub	x x x x				97	48100-02	Bronze Bearing	x	x	x	x
44	*	Hex Hd. Bolt, 1/4-20 x 3/4	x x x x				98	04050-05	Retaining Ring 1 1/8 Ext. "E"	x	x	x	x

\* Common hardware which should be purchased locally. All bolt Grade 5 plated, all other fasteners zinc plated.

## ENGINE DECK

**NOTE: Engine Deck (Item 17)**  
Now Has Handle Mounting  
Frame Welded To It.



# ENGINE DECK

REF. PART NO.	DESCRIPTION NO.	13KA	13KH	14KA	14KH	18KH	20KHE
! ATTENTION LINES IN BOLD LETTERS INDICATE EXTRA IDENTIFICATION IS NEEDED !							
1A 48190	Engine 12.5hp Kawasaki (FB460-ES05)	x					
1A 48674	Engine 12.5hp Kohler (CV12.5T PS1256)		x				
1A 48528	Engine 14hp Kawasaki (FC 420V)		x				
1A 48357	Engine 14hp Kohler (CV14T PS1409)			x			
1B 48268	Engine 18hp Kohler (MV18 PS 58511)				x		
1B 48358	Engine 20HP Kohler EL-SL (MV20 PS-57508)				x		
2 48059-01	Cable clamp					x	
3 48331	Transmission 5 spd (Peerless 700-025)	x	x	x	x	x	x
4 48231	Neutral safety switch	x	x	x	x	x	x
5 48122-01	Fibre washer, thin	x	x	x	x	x	x
5a 48122-02	Fibre washer, thick	x	x	x	x	x	x
6 48226	Coupler, jackshaft	x	x	x	x	x	x
7 48114-01	Grease fitting, straight 1/4-28	x	x	x	x	x	x
8 48225	<b>JACKSHAFT (FITS SW36, &amp; 48)</b>	x	x	x	x	x	x
8 48242	<b>JACKSHAFT (FITS SW52, 61, &amp; 72)</b>	x	x	x	x	x	x
9 04063-09	Key, Hi-Pro #9	x	x	x	x	x	x
10	Hex Hd Bolt, 5/16-18 x 3/4	x	x	x	x	x	x
11	Lockwasher, Spring 5/16	x	x	x	x	x	x
12 48305	Switch, Clutch Safety black	x	x	x	x	x	x
13	Phillips Hd. Machine Screw, 10-32 x 1/2	x	x	x	x	x	x
14	Washer, .219 x .500 x .049	x	x	x	x	x	x
15	Lockwasher, #10 Ext. Tooth	x	x	x	x	x	x
16	Hex Nut #10-32	x	x	x	x	x	x
17 45090	<b>ENGINE DECK (FITS SW36, &amp; 48)</b>	x	x	x	x	x	x
17 45116	<b>ENGINE DECK (FITS SW52, 61, 72)</b>	x	x	x	x	x	x
18 42199	Rear Belt Guide, Engine	x	x	x	x	x	x
19	Hex Nut, 5/16-18	x	x	x	x	x	x
20 44006	Belt Guide, Traction Dr.	x	x	x	x	x	x
21	Hex Head Bolt, 5/16-18 x 1	x	x	x	x	x	x
21a	Carriage Hd Bolt, 5/16-18 x 1	x	x	x	x	x	x
22	Washer, 25/64 x 15/16 x 12 ga.	x	x	x	x	x	x
23 48197	Pulley, Transmission Input	x	x	x	x	x	x
24 04063-07	Key, Woodruff #9	x	x	x	x	x	x
25 04050-09	Retaining Ring, 5/8 Ext. Basic	x	x	x	x	x	x
26 48203	Belt, Transmission Drive	x	x	x	x	x	x
27 48201	Idler Pulley, Transmission	x	x	x	x	x	x
28 48196	Pulley, Traction Drive (Includes Set Screw)	x	x	x	x	x	x
28 48379	Pulley, Traction Drive (Includes Set Screw)					x	
29 04063-03	Key, 1/4 x 1/4 x 2-1/2	x	x	x	x	x	x
31 48127	Pulley, Blade Dr. (Incl. 32-33)	x	x	x	x	x	x
31 48378	Pulley, Blade Dr. (Incl. 32-33)					x	
32 48141	Taper Hub (for 48127)	x	x	x	x	x	x
32 48378-03	Taper Hub (for 48378)	x	x	x	x	x	x
33	Hex Hd Bolt, 1/4-20 x 3/4	x	x	x	x	x	x
34	Lockwasher, Spring, 3/8	x	x	x	x	x	x
35	Hex Nut, 3/8-16	x	x	x	x	x	x
36 42268	<b>BELT GUIDE, SADDLE (FITS SW36)</b>	x	x				
36A 42265	<b>BELT GUIDE, SADDLE (FITS SW48, 52, 61, &amp; 72)</b>	x	x	x	x	x	x
37	Hex Hd Bolt, Metric 8 x 30	x	x	x	x		
37	Hex Hd Bolt, 5/16-18 x 1-1/2	x	x	x	x	x	x
38 48192-01	Wheel Assy (Incl. 38A-38B)	x	x	x	x	x	x
38A 48192-01	Tire, 13 x 6.50-6, 2-Ply	x	x	x	x	x	x
38B 48192-03	Rim&Brg Assy (Incl.38)	x	x	x	x	x	x
39 48193-02	Wheel Bearing NWC (OD 1.964 - 1.980)	x	x	x	x	x	x
39 48193-01	Wheel Bearing [OD 2.000 - 2.005]	x	x	x	x	x	x
40 04042-05	Washer, 1-1/16 x 1-3/4 x 12 ga.	x	x	x	x	x	x
40A 04041-14	Washer, 1-1/16 x 1-1/2 x 18 ga.	x	x	x	x	x	x

\* Common hardware which should be purchased locally. All bolts Grade 5 plated, all other fasteners zinc plated.

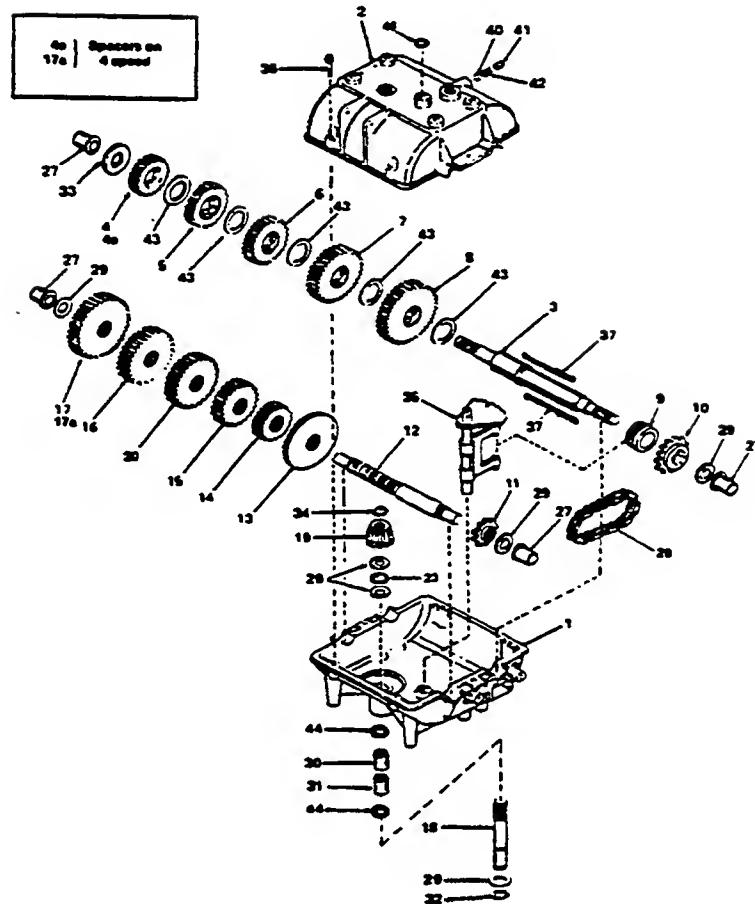
ENGINE DECK CONTINUED ON FOLLOWING PAGE

# ENGINE DECK CONT'D

REF. PART NO.	DESCRIPTION NO.						
		13KA	13KH	14KA	14KH	18KH	20KHE
41	04050-08	Retaining Ring, 1° Ext.-E°		x	x	x	x
42	48200	Pulley, Wheel Drive	x	x	x	x	x
43	43088	Spacer, Wheel Pulley	x	x	x	x	x
44	48209	Brake Drum	x	x	x	x	x
45	•	Hex Hd. Bolt, 5/16-18 x 1-1/2	x	x	x	x	x
46	04003-03	Short Square Neck Crg. Bolt, 3/8-16 x 2	x	x	x	x	x
47	•	Hex Nut, 5/16-18 Elastic Stop	x	x	x	x	x
48	04003-05	Short Sq. Neck Crg. Bolt, 3/8-18 x 1-1/2			x		x
49	45145	Battery Box			x	x	
50	42330	Bracket, Idler Pulley			x	x	
51	43063	Spacer			x	x	
52	04041-11	Washer, 13/32 x 1-1/2 x 7 ga.				x	
53	42361	Battery Clamp				x	
54	42024	Battery Cover				x	
55	48099	Battery Cover Pad				x	
56	•	Carriage Hd Bolt, 1/4-20 x 6				x	
57	•	Hex Hd Bolt, 3/8-16 x 2				x	x
64	48030	Clamp, Fuel Hose				x	x
65	48257	Pipe Cap				x	x
66	48254	Pipe 4" Nipple				x	
68	04029-01	Wing Nut, 1/4-20 elastic stop				x	
69	48015	Battery				x	
70	•	Hex Hd. Bolt, 3/8-16 x 1 1/4"	x	x	x	x	x
71	•	Hex Nut, 5/16-18	x	x	x	x	x
72	•	Lockwasher, 5/16	x	x	x	x	x
73	44037	Bat Scraper	x	x	x	x	x
74	04012-04	Set Screw, 5/16-18 x 3/8" Socket Hd.	x	x	x	x	x

\* Common hardware which should be purchased locally. All bolts Grade 5 plated, all other fasteners zinc plated.

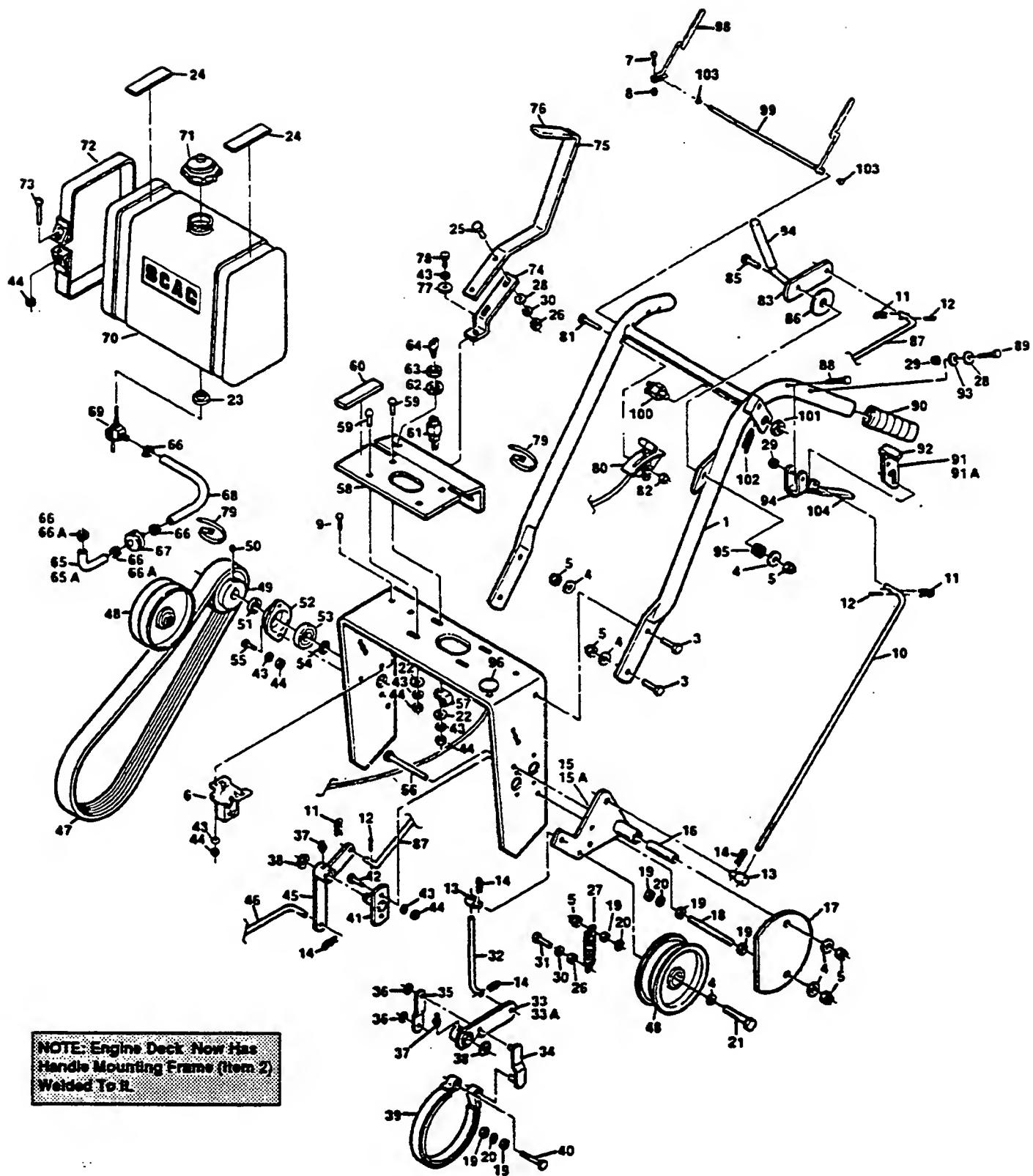
# PEERLESS 700



## PEERLESS TRANSMISSION MODEL 700-026

REF. PART NO. NO.	DESCRIPTION	ALL UNITS	REF. PART NO. NO.	DESCRIPTION	ALL UNITS
1 770061	Case, Transmission	x	20 778240	Gear, Spur (18 teeth)	x
2 772083	Cover, Transmission	x	23 780071	Bearing, Thrust	x
3 776217	Shaft, Output & Brake	x	27 780105A	Bushing, Flanged	x
4 778123A	Gear, Spur (25 teeth)	x	28 786081	Chain, Roller (No.41 chain, 24 links)	x
5 778124A	Gear, Spur (30 teeth)	x	29 780072	Washer, Thrust	x
6 778239	Gear, Spur (32 teeth)	x	30 780086	Bearing, Needle	x
7 778125	Gear, Spur (35 teeth)	x	31 780142	Bearing, Needle	x
8 778145A	Gear, Spur (37 teeth)	x	32 792035	Ring, Retaining	x
9 784266	Collar, Shift	x	33 780139	Washer, Thrust	x
10 786083	Sprocket (18 teeth)	x	34 788040	Ring, Retaining	x
11 786082	Sprocket (9 teeth)	x	35 784267	Rod & Fork Assy., Shift	x
12 776134	Shaft, Counter	x	36 792073	Screw, FlangedHexd.tf, 1/4-20x1-1/4	x
13 778154	Gear, Bevel (42 teeth)	x	37 792089A	Key	x
14 778145	Gear, Spur (12 teeth)	x	40 792077	Ball, Steel, 5/16"	x
15 778151	Gear, Spur (15 teeth)	x	41 792078	Screw, Set 3/8-16 x 3/8	x
16 778126A	Gear, Spur (20 teeth)	x	42 792079	Spring	x
17 778127A	Gear, Spur (25 teeth)	x	43 780108	Washer, Thrust	x
18 776135	Shaft, Input	x	44 792001	10" Ring	x
19 778176	Bevel Pinion, Input	x	45 788053	Seal, Square cut	x

## HANDLE ASSEMBLY



**NOTE: Engine Deck Now Has  
Handle Mounting Frame (item 2)  
Welded To It.**

# HANDLE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	13KA	13KH	14KA	14KH	18KH	20KHE
<b>! ATTENTION LINES IN BOLD LETTERS INDICATE EXTRA IDENTIFICATION IS NEEDED !</b>								
1	45097	HANDLE ASSY. FITS SW36, 48	X	X	X	X		
1	45117	HANDLE ASSY. FITS SW 52, 61, 72		X	X	X	X	X
3	•	Hex Hd. Bolt, 3/8-16 x 1	X	X	X	X	X	
4	•	Washer, 25/64 x 15/16 x 12 ga.	X	X	X	X	X	X
5	•	Hex Nut, 3/8-16 Elastic Stop	X	X	X	X	X	X
6	48016	Solenoid					X	
7	•	Hex Head Bolt 5/16-18 1-1/4"	X	X	X	X	X	X
8	•	5/16-16 Elastic Stop Nut	X	X	X	X	X	X
9	•	Bolt, Hex Hd. 1/4-20 x 1/2						X
10	44004	Control Rod, Steering	X	X	X	X	X	X
11	04062-02	Hair Pin, Small	X	X	X	X	X	X
12	•	Cotter Pin, 3/32 x 3/4	X	X	X	X	X	X
13	43032	Swivel Joint	X	X	X	X	X	X
14	04062-01	Hair Pin, Large	X	X	X	X	X	X
15	45091-01	Idler Bracket, RH	X	X	X	X	X	X
15A	45091-02	Idler Bracket, LH	X	X	X	X	X	X
16	43092	Idler Sleeve	X	X	X	X	X	X
17	42283	Bolt Guard	X	X	X	X	X	X
18	04004-01	Support Belt Guard	X	X	X	X	X	X
19	•	Hex Nut, 3/8-16	X	X	X	X	X	X
20	•	Lockwasher, 3/8 spring	X	X	X	X	X	X
21	•	Hex Hd. Bolt, 3/8-16 x 2-3/4	X	X	X	X	X	X
22	•	Flat Washer, 1/4	X	X	X	X	X	X
23	48309	Bushing	X	X	X	X	X	X
24	48292	Rubber Pad, (upper)	X	X	X	X	X	X
25	•	Hex Hd. Bolt, 5/16-18 x 1-1/4	X	X	X	X	X	X
26	•	Hex Nut, 5/16-18	X	X	X	X	X	X
27	48051	Spring, Idler Tension	X	X	X	X	X	X
28	•	Washer, 11/32 x 11/16 x 16 ga.	X	X	X	X	X	X
29	•	Hex Nut, 5/16-18 Elastic Stop	X	X	X	X	X	X
30	•	Lockwasher, 5/16 spring	X	X	X	X	X	X
31	•	Hex Hd. Bolt, 5/16-18 x 1	X	X	X	X	X	X
32	44005	Brake Rod	X	X	X	X	X	X
33	45092-01	Brake Lever, RH	X	X	X	X	X	X
33A	45092-02	Brake Lever, LH	X	X	X	X	X	X
34	45093	Brake Link	X	X	X	X	X	X
35	42254	Brake Link Plate	X	X	X	X	X	X
36	04024-01	Nut, 3/8 push-on	X	X	X	X	X	X
37	48114-05	Grease Fitting, Straight, 1/4-28	X	X	X	X	X	X
38	04050-01	Retaining Ring, 5/8 Ext.-E"	X	X	X	X	X	X
39	48210	Brake Band	X	X	X	X	X	X
40	•	Hex Hd. Bolt, 3/8-16 x 2	X	X	X	X	X	X
41	45094	Bell Crank Pivot Wid	X	X	X	X	X	X
42	•	Hex Hd. Bolt, 1/4-20 x 1	X	X	X	X	X	X
43	•	Lockwasher, 1/4 spring	X	X	X	X	X	X
44	•	Hex Nut, 1/4-20	X	X	X	X	X	X
45	45277	Bell Crank, Clutch	X	X	X	X	X	X
46	44064	Blade Clutch Rod, Lower	X	X	X	X	X	X
47	48202A	Belt, Wheel Drive	X	X	X	X	X	X
48	48198	Idler Pulley, Wheel Drive	X	X	X	X	X	X
49	48199	Pulley, Jackshaft (incl. 50)	X	X	X	X	X	X
50	•	Setscrew, Hex Sc. Knit. Cup Pt. 5/16-18 (nylock)	X	X	X	X	X	X
51	43098	Spacer, Jackshaft Pulley	X	X	X	X	X	X
52	48223	Flange, Jackshaft Bearing	X	X	X	X	X	X
53	48224	Bearing, Jackshaft	X	X	X	X	X	X
54	04050-09	Retaining Ring, 5/8 Ext.-Basic	X	X	X	X	X	X
55	•	Hex Head Bolt, 1/4-20 x 3/4	X	X	X	X	X	X
56	•	Hex Head Bolt, 3/8-16 x 4	X	X	X	X	X	X
57	48030-01	Clamp	X	X	X	X	X	X

\* Common hardware which should be purchased locally. All bolts grade 5 plated, all other fasteners zinc plated.

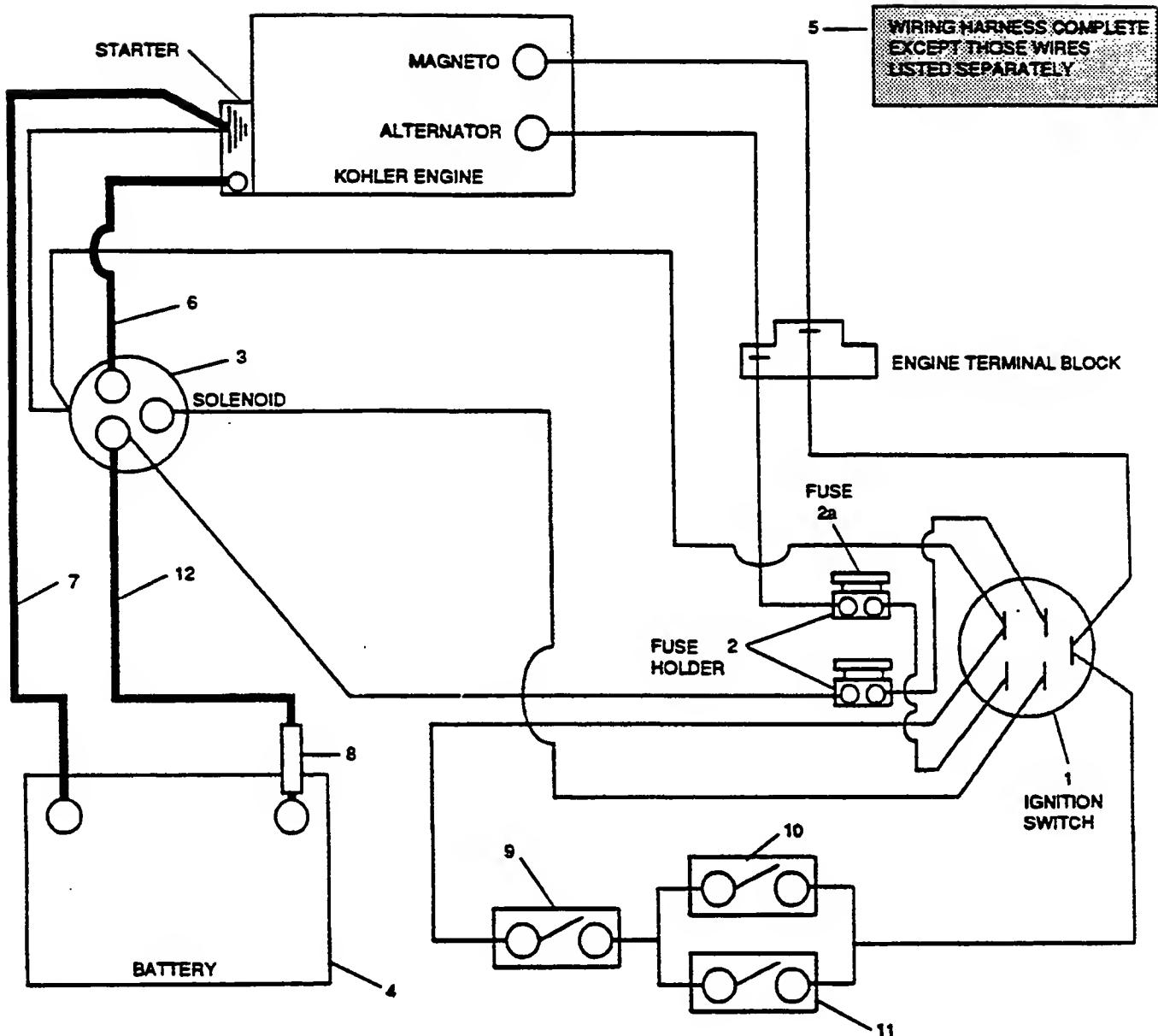
HANDLE ASSEMBLY CONTINUED ON NEXT PAGE

# HANDLE ASSEMBLY CONT'D

REF. PART NO.	NO.	DESCRIPTION	13KA	13KH	14KA	14KH	18KH	20KHE
<b>I ATTENTION LINES IN BOLD LETTERS INDICATE EXTRA IDENTIFICATION IS NEEDED !</b>								
58	46431	Shifter Plate w/Decal	x	x	x	x	x	x
59	•	Carriage Bolt, 1/4-20 x 1	x	x	x	x	x	x
60	48205	Rubber Pad (lower)	x	x	x	x	x	x
61	48609	Key Switch	x	x	x	x	x	x
61	48017	Key Switch						
62	48017-03	Lockwasher, S/S Internal Tooth	x	x	x	x	x	x
63	48017-04	Hex Nut, 5/8-32	x	x	x	x	x	x
64	48017-02	Key Ignition	x	x	x	x	x	x
65	•	Fuel Hose (Kohler Supplied Part)						
65A	48179-01	Fuel Hose (Kawasaki) 7/32ID x 3 1/2"	x					
66	48059-01	Clamp, Fuel Hose		x		x	x	x
66a	48059-02	Clamp, Fuel Hose (Kawasaki Only)	x	x				
67	48057-02	Fuel Filter	x	x				
68	48058-10	Fuel Hose, 1/4 ID x 10"		x		x		
68	48058-05	Fuel Hose, 1/4 x 20"	x	x				
68	48058-02	Fuel Hose, 1/4 x 14 1/8"						
69	48308	Valve, Fuel Shut Off	x	x	x	x	x	x
70	46174	Fuel Tank Assy. (Incl. Decals 23, 59)	x	x	x	x	x	x
71	48311	Fuel Tank Cap	x	x	x	x	x	x
72	42369	Strap, Fuel Tank	x	x	x	x	x	x
73	•	Machine Screw, 1/4-20 x 2 Round Hd. Slotted	x	x	x	x	x	x
74	42388	Shifter Lever	x	x	x	x	x	x
75	46207	Shift Lever Assy. (Incl. 76)	x	x	x	x	x	x
76	48215	Grip, Shift Lever	x	x	x	x	x	x
77	04043-01	Washer, 17/64 x 7/8 x 1/8 HT	x	x	x	x	x	x
78	04001-55	Hex Head Bolt, 1/4-28 x 3/4 Grade 8	x	x	x	x	x	x
79	48028-01	Cable Tie	x	x	x	x	x	x
80	48394	Throttle Control	x	x	x	x	x	x
80	48266	Throttle Control						
81	•	Hex Head Bolt, 1/4-20 x 2	x	x	x	x	x	x
82	•	Hex Nut, 1/4-20 Elastic Stop	x	x	x	x	x	x
83	46090	Blade Catch Lever Assy. (Incl. 84)	x	x	x	x	x	x
84	48326	Grip, Lever	x	x	x	x	x	x
85	•	Hex Head Bolt, 1/8-16 x 1-3/4	x	x	x	x	x	x
86	04041-10	Washer, 3/8 x 2 x 16 ga.	x	x	x	x	x	x
87	44002	Bell Clutch Rod, Upper	x	x	x	x	x	x
88	•	Hex Head Bolt, 5/16-18 x 2-1/4	x	x	x	x	x	x
89	•	Hex Head Bolt, 5/16-18 x 2	x	x	x	x	x	x
90	48159	Grip, Handle	x	x	x	x	x	x
91	46083-01	Neutral Latch Assy. RH (Incl. 92)	x	x	x	x	x	x
91A	46083-02	Neutral Latch Assy. LH (Incl. 92)	x	x	x	x	x	x
92	48324-01	Grip, Neutral Latch - RH	x	x	x	x	x	x
92	48324-02	Grip, Neutral Latch - LH	x	x	x	x	x	x
93	04032-01	Curved Spring Washer	x	x	x	x	x	x
94	46089	Steering Lever Assy. (Incl. 104)	x	x	x	x	x	x
95	48050	Spring, Compression	x	x	x	x	x	x
96	48091	Choke Control						
97	•	Set Screw, 1/4-28 x 1/4" Knurled cup point	x	x	x	x	x	x
98	45141	Safety Interlock Hand Grip - RH	x	x	x	x	x	x
99	45417	<b>OPERATOR PRESENCE HAND GRIP L.H. &amp; ROD (FOR 15")</b>	x	x	x	x	x	x
99	45142	<b>OPERATOR PRESENCE HAND GRIP L.H. &amp; ROD (FOR 20")</b>						
100	48021	Switch Interlock (gold colored)	x	x	x	x	x	x
101	04025-01	Hex Nut, 5/16-18 spring type	x	x	x	x	x	x
102	48313	Spring, Grip Return	x	x	x	x	x	x
103	48312	Bushings	x	x	x	x	x	x
104	48492	Grip, Steering Levers	x	x	x	x	x	x
NS	48611	Wire Harness, electric start						
NS	48610	Wire Harness, manual start	x	x	x	x	x	x

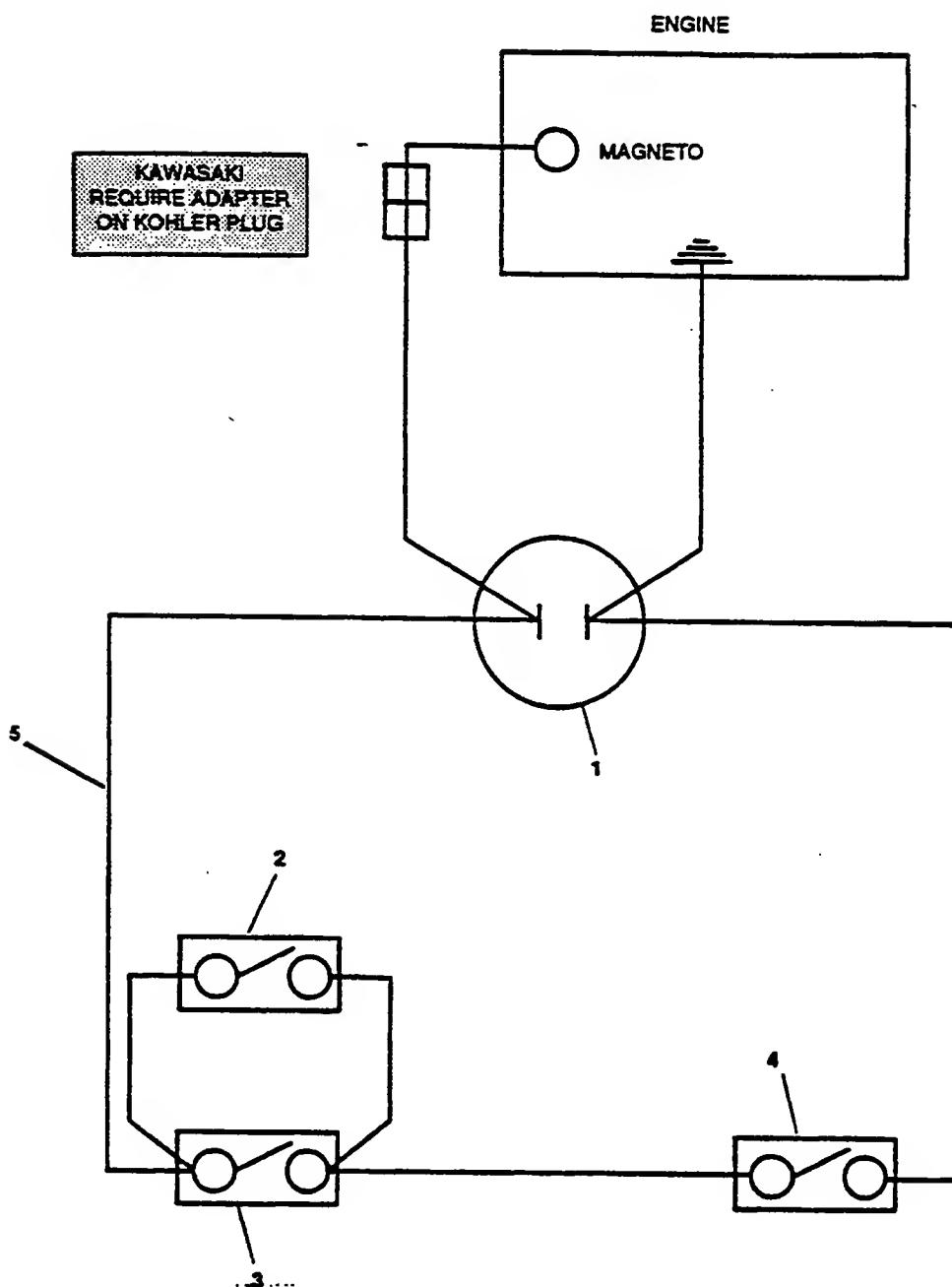
\* Common hardware which should be purchased locally. All bolts grade 5 plated, all other fasteners zinc plate.

# ELECTRIC START ELECTRICAL SYSTEM



Ref. No.	Part Number	Description	SW 20KHE
1	48017	Key Switch	x
2	48297	Fuse Holder	x
2a	48298	Fuse 20 Amps	x
3	48016	Solenoid	x
4	48015	Battery may be purchased locally (US-LM)	x
5	48511	Wiring Harness Complete	x
6	48029-03	Battery Cable - 13/16" Red	x
7	48029-10	Battery Cable - 10" Black	x
8	48126	Rubber Boot	x
9	48021	Switch, Handle Interlock N.C.	x
10	48305	Switch, Cuter Drive Interlock N.C.	x
11	48231	Switch, Neutral Interlock N.O.	x
12	48029-02	Battery Cable - 31.5" Red	x

## WIRING DIAGRAM FOR MANUAL START



Ref. No.	Part Number	Description
1	48609	Switch, Ignition
2	48231	Switch, Transmission Neutral Safety
3	48305	Switch, Clutch Safety
4	48201	Switch, Presence Control Safety
5	48610	Wire Harness
NS	48527	Wire Harness Adapter - Kawasaki

## REPLACEMENT DECALS

# SCAG

48314  
Decal - Scag's Logo  
(Located On Cutter Deck Cover - Top Surface)

## HEAVY DUTY COMMERCIAL

48072  
Decal - Heavy Duty Commercial  
(Located On Cutter Deck Cover - Front Wall)



48079  
Decal - Key Switch  
(Located Near Keyswitch)

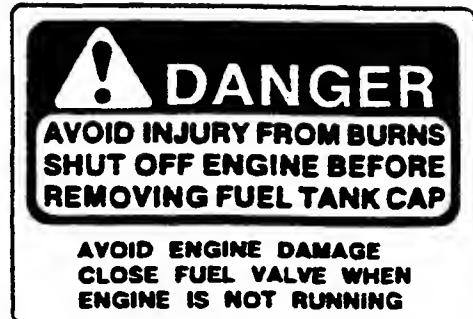
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72 48327  
61 48320  
52 48319  
48 48318  
36 48316

(Located on Top Of Belt Cover)

**WARNING**  
INSTALL BELT COVER BEFORE  
OPERATING MACHINE  
READ OPERATOR'S MANUAL

48712  
Decal - Caution Belt Cover  
(Located On Cutter Deck Top Surface)



48281  
Decal - Operator Warning  
Fuel Fill  
(Located On Top of Fuel Tank)

R N 1 2 3 4 5  
I I I I I I I

48216 - 4 SPD  
48332 - 5 SPD  
Decal - Shift Index  
(Located On Shifter Plate - Above Shift Lever)

**WARNING**

### ROTATING BLADES AND BELTS

- KEEP HANDS, FEET & CLOTHING CLEAR
- KEEP ALL GUARDS IN PLACE
- SHUT OFF ENGINE & DISENGAGE BLADE CLUTCH BEFORE SERVICING
- CLEAR AREA OF DEBRIS BEFORE MOWING
- USE CAUTION IN DIRECTING DISCHARGE
- KEEP BYSTANDERS, CHILDREN & PETS AWAY
- READ INSTRUCTION MANUAL BEFORE OPERATING

48073  
Decal - Danger, Rotating Blades  
(Located On Cutter Deck Cover Near Discharge Chute)

**DANGER**

### SPINNING BLADE

KEEP CLEAR  
CONTACT CAN INJURE

48071  
Decal - O.P.E.I. Safety  
(Located On Cutter Deck Near Discharge Chute)



48713  
Decal- Caution Read Operators Manual  
(Located On Shifter Plate)